



In re Application of:

Richard L. Giroux, et al.

Serial No.: 10/775,048

Confirmation No.: 8979

Filed: February 9, 2004

For: METHODS AND APPARATUS
FOR WELLBORE
CONSTRUCTION AND
COMPLETION

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

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Group Art Unit: 3672

Examiner: Unknown

Customer No.: 36735

## SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

The Applicants, and the Attorney who signs below on the basis of the information supplied by the inventor and the information in his file, submit herewith patents, publications, or other information of which they are aware, which may be material to the examination of this application and in respect of which there may be a duty to disclose in accordance with 37 CFR § 1.56.

While the information submitted in this Supplemental Information Disclosure Statement may be material pursuant to 37 CFR § 1.56, it is not intended to constitute an admission that any patent, publication, or other information referred to therein is prior art for this invention unless specifically designated as such.

In accordance with 37 CFR § 1.97, this Supplemental Information Disclosure Statement is not to be construed as a representation that a search has been made or that no other possibly material information as defined under 37 CFR § 1.56(a) exists.

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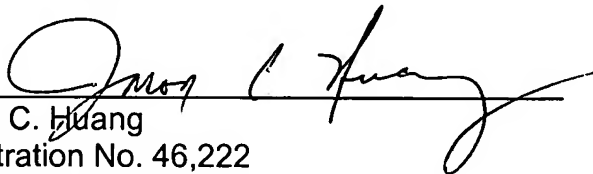
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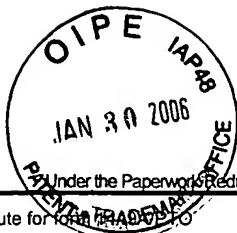
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The patents and/or publications submitted herewith are set forth on the attached Form PTO-1449.

If the sum of \$180.00 is due under 37 CFR § 1.17(p) pursuant to § 1.97, the Commissioner is hereby authorized to charge this fee, and any other fee necessary to make this submission timely, to the Deposit Account No. 20-0782/WEAT/0359.P1/JCH.

Respectfully submitted,

  
\_\_\_\_\_  
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Attorney for Applicants



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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 6

### Complete if Known

|                        |                   |
|------------------------|-------------------|
| Application Number     | 10/775,048        |
| Filing Date            | February 9, 2004  |
| First Named Inventor   | Richard L. Giroux |
| Art Unit               | 3672              |
| Examiner Name          | Unknown           |
| Attorney Docket Number | WEAT/0359.P1      |

### U.S. PATENT DOCUMENTS

| Examiner<br>Initials * | Cite<br>No. <sup>1</sup> | Document Number                            | Publication Date<br>MM-DD-YYYY | Name of Patentee or Applicant of<br>Cited Document | Pages, Columns, Lines, Where Relevant<br>Passages or Relevant<br>Figures Appear |
|------------------------|--------------------------|--------------------------------------------|--------------------------------|----------------------------------------------------|---------------------------------------------------------------------------------|
|                        |                          | Number - Kind Code <sup>2</sup> (if known) |                                |                                                    |                                                                                 |
|                        | A1                       | US - 6,837,313                             | 01-04-2005                     | Hosie, et al.                                      |                                                                                 |
|                        | A2                       | US - 6,832,658                             | 12-21-2004                     | Keast                                              |                                                                                 |
|                        | A3                       | US - 6,742,584                             | 06-01-2004                     | Appleton                                           |                                                                                 |
|                        | A4                       | US - 6,732,822                             | 05-11-2004                     | Slack, et al.                                      |                                                                                 |
|                        | A5                       | US - 6,719,071                             | 04-13-2004                     | Moyes                                              |                                                                                 |
|                        | A6                       | US - 6,715,430                             | 04-06-2004                     | Choi, et al.                                       |                                                                                 |
|                        | A7                       | US - 6,688,398                             | 02-10-2004                     | Pietras                                            |                                                                                 |
|                        | A8                       | US - 6,679,333                             | 01-20-2004                     | York, et al.                                       |                                                                                 |
|                        | A9                       | US - 6,637,526                             | 10-28-2003                     | Juhasz, et al.                                     |                                                                                 |
|                        | A10                      | US - 6,619,402                             | 09-16-2003                     | Amory, et al.                                      |                                                                                 |
|                        | A11                      | US - 6,527,493                             | 03-04-2003                     | Kamphorst, et al.                                  |                                                                                 |
|                        | A12                      | US - 6,595,288                             | 07-22-2003                     | Mosing, et al.                                     |                                                                                 |
|                        | A13                      | US - 6,553,825                             | 04-29-2003                     | Boyd                                               |                                                                                 |
|                        | A14                      | US - 6,540,025                             | 04-01-2003                     | Scott, et al.                                      |                                                                                 |
|                        | A15                      | US - 6,527,493                             | 03-04-2003                     | Kamphorst, et al.                                  |                                                                                 |
|                        | A16                      | US - 6,431,626                             | 08-13-2002                     | Bouligny                                           |                                                                                 |
|                        | A17                      | US - 6,390,190                             | 05-21-2002                     | Mullins                                            |                                                                                 |
|                        | A18                      | US - 6,367,552                             | 04-09-2002                     | Scott, et al.                                      |                                                                                 |
|                        | A19                      | US - 6,347,674                             | 02-19-2002                     | Bloom, et al.                                      |                                                                                 |
|                        | A20                      | US - 6,273,189                             | 08-14-2001                     | Gissler, et al.                                    |                                                                                 |
|                        | A21                      | US - 6,202,764                             | 03-20-2001                     | Ables, et al.                                      |                                                                                 |
|                        | A22                      | US - 6,179,055                             | 01-30-2001                     | Salwasser, et al.                                  |                                                                                 |
|                        | A23                      | US - 6,161,617                             | 12-19-2000                     | Gjedebo                                            |                                                                                 |
|                        | A24                      | US - 6,089,323                             | 07-18-2000                     | Newman, et al.                                     |                                                                                 |

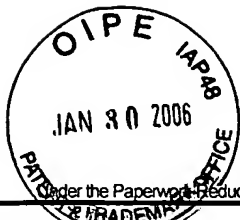
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Sheet 2 of 6

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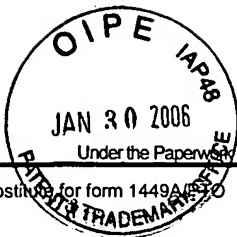
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|                        | A25                      | US - 6,082,461                             | 07-04-2000                     | Newman, et al.                                     |                                                                                 |
|                        | A26                      | US - 5,960,881                             | 10-05-1999                     | Allamon, et al.                                    |                                                                                 |
|                        | A27                      | US - 5,954,131                             | 09-21-1999                     | Sallwasser                                         |                                                                                 |
|                        | A28                      | US - 5,842,149                             | 11-24-1998                     | Harrell, et al.                                    |                                                                                 |
|                        | A29                      | US - 5,823,264                             | 10-20-1998                     | Ringgenberg                                        |                                                                                 |
|                        | A30                      | US - 5,794,703                             | 08-18-1998                     | Newman, et al.                                     |                                                                                 |
|                        | A31                      | US - 5,772,514                             | 06-30-1998                     | Moore                                              |                                                                                 |
|                        | A32                      | US - 5,735,351                             | 04-07-1998                     | Helms                                              |                                                                                 |
|                        | A33                      | US - 5,730,471                             | 03-24-1998                     | Schulze-Beckinghausen, et al.                      |                                                                                 |
|                        | A34                      | US - 5,697,442                             | 12-16-1997                     | Baldrige                                           |                                                                                 |
|                        | A35                      | US - 5,667,011                             | 09-16-1997                     | Gill, et al.                                       |                                                                                 |
|                        | A36                      | US - 5,588,916                             | 12-31-1996                     | Moore                                              |                                                                                 |
|                        | A37                      | US - 5,566,772                             | 10-22-1996                     | Coone, et al.                                      |                                                                                 |
|                        | A38                      | US - 5,461,905                             | 10-31-1995                     | Penisson                                           |                                                                                 |
|                        | A39                      | US - 5,392,715                             | 02-28-1995                     | Pelrine                                            |                                                                                 |
|                        | A40                      | US - 5,340,182                             | 08-23-1994                     | Busink, et al.                                     |                                                                                 |
|                        | A41                      | US - 5,284,210                             | 02-08-1994                     | Helms, et al.                                      |                                                                                 |
|                        | A42                      | US - 5,272,925                             | 12-28-1993                     | Henneuse, et al.                                   |                                                                                 |
|                        | A43                      | US - 5,156,213                             | 10-20-1992                     | George, et al.                                     |                                                                                 |
|                        | A44                      | US - 5,085,273                             | 02-04-1992                     | Coone                                              |                                                                                 |
|                        | A45                      | US - 5,062,756                             | 11-05-1991                     | McArthur, et al.                                   |                                                                                 |
|                        | A46                      | US - 4,915,181                             | 04-10-1990                     | Labrosse                                           |                                                                                 |
|                        | A47                      | US - 4,909,741                             | 03-20-1990                     | Schasteen, et al.                                  |                                                                                 |

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Sheet 3 of 6

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|                        |                          | Number - Kind Code <sup>2</sup> (if known) |                                |                                                    |                                                                                 |
|                        | A48                      | US - 4,904,119                             | 02-27-1990                     | Legendre, et al.                                   |                                                                                 |
|                        | A49                      | US - 4,883,125                             | 11-28-1989                     | Wilson, et al.                                     |                                                                                 |
|                        | A50                      | US - 4,821,814                             | 04-18-1989                     | Willis, et al.                                     |                                                                                 |
|                        | A51                      | US - 4,778,008                             | 10-18-1988                     | Gonzalez, et al.                                   |                                                                                 |
|                        | A52                      | US - 4,744,426                             | 05-17-1988                     | Reed                                               |                                                                                 |
|                        | A53                      | US - 4,681,162                             | 07-21-1987                     | Boyd                                               |                                                                                 |
|                        | A54                      | US - 4,693,316                             | 09-15-1987                     | Ringgenberg, et al.                                |                                                                                 |
|                        | A55                      | US - 4,681,162                             | 07-21-1987                     | Boyd                                               |                                                                                 |
|                        | A56                      | US - 4,678,031                             | 07-07-1987                     | Blandford, et al.                                  |                                                                                 |
|                        | A57                      | US - 4,676,310                             | 06-30-1987                     | Scherbatskoy, et al.                               |                                                                                 |
|                        | A58                      | US - 4,492,134                             | 01-08-1985                     | Reinholdt, et al.                                  |                                                                                 |
|                        | A59                      | US - 4,489,794                             | 12-25-1984                     | Boyadjieff                                         |                                                                                 |
|                        | A60                      | US - 3,947,009                             | 03-30-1976                     | Nelmark                                            |                                                                                 |
|                        | A61                      | US - 3,915,244                             | 10-28-1975                     | Brown, deceased                                    |                                                                                 |
|                        | A62                      | US - 3,746,330                             | 07-17-1973                     | Taciuk                                             |                                                                                 |
|                        | A63                      | US - 3,662,842                             | 05-16-1972                     | Bromell                                            |                                                                                 |
|                        | A64                      | US - 3,477,527                             | 11-11-1969                     | Koot                                               |                                                                                 |
|                        | A65                      | US - 3,392,609                             | 07-16-1968                     | Bartos                                             |                                                                                 |
|                        | A66                      | US - 2,953,406                             | 09-20-1960                     | Young                                              |                                                                                 |
|                        | A67                      | US - 2,536,458                             | 01-02-1951                     | Munsinger                                          |                                                                                 |
|                        | A68                      | US - 2,536,458                             | 01-02-1951                     | Munsinger                                          |                                                                                 |
|                        | A69                      | US - 2,305,062                             | 12-15-1942                     | Church, et al.                                     |                                                                                 |
|                        | A70                      | US - 2,105,885                             | 01-18-1938                     | Hinderliter                                        |                                                                                 |
|                        | A71                      | US - 1,998,833                             | 04-23-1935                     | Crowell                                            |                                                                                 |

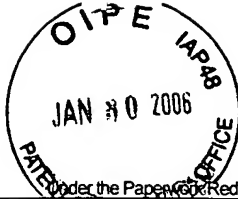
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Sheet 4 of 6

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|                        |                          | Number - Kind Code <sup>2</sup> (if known) |                                |                                                    |                                                                                 |
|                        | A72                      | US - 1,830,625                             | 11-03-1931                     | Schrock                                            |                                                                                 |
|                        | A73                      | US - 1,825,026                             | 09-29-1931                     | Thomas                                             |                                                                                 |
|                        | A74                      | US - 1,777,592                             | 10-07-1930                     | Thomas                                             |                                                                                 |
|                        | A75                      | US - 1,728,136                             | 09-10-1929                     | Power                                              |                                                                                 |
|                        | A76                      | US - 1,585,069                             | 05-18-1926                     | Youle                                              |                                                                                 |
|                        | A77                      | US - 1,471,526                             | 10-23-1923                     | Pickin                                             |                                                                                 |
|                        | A78                      | US - 1,418,766                             | 06-06-1922                     | Wilson                                             |                                                                                 |
|                        | A79                      | US - 1,077,772                             | 11-04-1913                     | Weathersby                                         |                                                                                 |
|                        | A80                      | US - 122,514                               | 01-09-1872                     | Bullock                                            |                                                                                 |
|                        | A81                      | US - 2005/0096846                          | 05-05-2005                     | Koithan, et al.                                    |                                                                                 |
|                        | A82                      | US - 2004/0144547                          | 07-29-2004                     | Koithan, et al.                                    |                                                                                 |
|                        | A83                      | US - 2004/0124010                          | 07-01-2004                     | Galloway, et al.                                   |                                                                                 |
|                        | A84                      | US - 2004/0118614                          | 06-24-2004                     | Galloway, et al.                                   |                                                                                 |
|                        | A85                      | US - 2004/0112603                          | 06-17-2004                     | Galloway, et al.                                   |                                                                                 |
|                        | A86                      | US - 2003/0173073                          | 09-18-2003                     | Snider, et al.                                     |                                                                                 |
|                        | A87                      | US - 2003/0164276                          | 09-04-2003                     | Snider, et al.                                     |                                                                                 |
|                        | A88                      | US - 2002/0170720                          | 11-21-2002                     | Haugen                                             |                                                                                 |
|                        | A89                      |                                            |                                |                                                    |                                                                                 |
|                        | A90                      |                                            |                                |                                                    |                                                                                 |
|                        | A91                      |                                            |                                |                                                    |                                                                                 |
|                        | A92                      |                                            |                                |                                                    |                                                                                 |
|                        | A93                      |                                            |                                |                                                    |                                                                                 |
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|                        | A95                      |                                            |                                |                                                    |                                                                                 |

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STATEMENT BY APPLICANT**

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| Examiner<br>Initials* | Cite<br>No. <sup>1</sup> | Foreign Patent Document                                                             | Publication<br>Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited<br>Document | Pages, Columns, Lines,<br>Where Relevant<br>Passages or Relevant<br>Figures Appear | T <sup>6</sup> |
|-----------------------|--------------------------|-------------------------------------------------------------------------------------|-----------------------------------|-------------------------------------------------------|------------------------------------------------------------------------------------|----------------|
|                       |                          | Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known) |                                   |                                                       |                                                                                    |                |
|                       | B1                       | GB 2 389 130                                                                        | 12-03-2003                        | Baker Hughes Inc.                                     |                                                                                    |                |
|                       | B2                       | GB 2 372 271                                                                        | 08-21-2002                        | Sharp                                                 |                                                                                    |                |
|                       | B3                       | GB 2 324 108                                                                        | 10-14-1998                        | Harden, et al.                                        |                                                                                    |                |
|                       | B4                       | GB 2 170 528                                                                        | 08-06-1986                        | Seabourn                                              |                                                                                    |                |
|                       | B5                       | GB 1 306 568                                                                        | 03-14-1973                        | Fox                                                   |                                                                                    |                |
|                       | B6                       | GB 2 386 626                                                                        | 09-24-2003                        | Smith, et al.                                         |                                                                                    |                |
|                       | B7                       | GB 2 240 799                                                                        | 08-14-1991                        | Mine                                                  |                                                                                    |                |
|                       | B8                       | GB 2 223 253                                                                        | 04-04-1990                        | Arnold, et al.                                        |                                                                                    |                |
|                       | B9                       | GB 2 345 074                                                                        | 06-28-2000                        | Pietras                                               |                                                                                    |                |
|                       | B10                      | WO 2004/022903                                                                      | 03-18-2004                        | Robichaux, et al.                                     |                                                                                    |                |
|                       | B11                      | WO 03/006790                                                                        | 01-23-2003                        | Coon, et al.                                          |                                                                                    |                |
|                       | B12                      | WO 02/14649                                                                         | 02-21-2002                        | Hassen                                                |                                                                                    |                |
|                       | B13                      | WO 00/41487                                                                         | 07-20-2000                        | Murray                                                |                                                                                    |                |
|                       | B14                      | WO 00/09853                                                                         | 02-24-2000                        | Reynolds                                              |                                                                                    |                |
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|                       | B19                      |                                                                                     |                                   |                                                       |                                                                                    |                |
|                       | B20                      |                                                                                     |                                   |                                                       |                                                                                    |                |
|                       | B21                      |                                                                                     |                                   |                                                       |                                                                                    |                |
|                       | B22                      |                                                                                     |                                   |                                                       |                                                                                    |                |
|                       | B23                      |                                                                                     |                                   |                                                       |                                                                                    |                |

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Sheet 6 of 6

### Complete if Known

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|------------------------|-------------------|
| Application Number     | 10/775,048        |
| Filing Date            | February 9, 2004  |
| First Named Inventor   | Richard L. Giroux |
| Art Unit               | 3672              |
| Examiner Name          | Unknown           |
| Attorney Docket Number | WEAT/0359.P1      |

### NON PATENT LITERATURE DOCUMENTS

| Examiner Initials * | Cite No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T <sup>2</sup> |
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